SynFlex Elektro GmbH
Auf den Kreuzen 24
D-32825 Blomberg Germany
Telefon +49-5235-968-0
E-Mail info@synflex.de

Intertape® 4237

Intertape® 4237 is a glass filament polyester tape with acrylate adhesive.

Attributes

High tensile strength glass filaments and conformable PET film coating with an aggressive adhesive for a variety of heavy duty insulating, banding and holding applications. 1.0 mil polyester film provides puncture, edge tear and abrasion resistance. Specially designed and intended for use in oil-filled transformers. Once thermoset, the acrylic adhesive offers superior resistance to chemicals, solvents and aging in addition to excellent dielectric strength and insulation resistance.

Application

Lead and saddle tie down, banding and bundling motor and transformer coils and coil covering.

Standards

UL-File-No.: E20780

CSA-File: LR94980

Exceeds as one of a very few products available the rigorous requirements of the ASTM D3455 „Test Method for Compatibility of Construction Material with Electrical Insulating Oil of Petroleum Origin“.

Delivery forms

- Width: from 2,5 mm in 0.1 mm increments
- Core diameter: 76 mm (3")
- Special widths on request

Color

Translucent

Glue

Acrylate

Adhesive

One-sided

Storage

12 months at room temperature. Adhesive tapes should be stored in a cool, dry place at approx. 20 °C and 50 - 60 % relative humidity. The storage period should not exceed 12 months.

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.
Updated 07/20

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General	Unit of measure	
Type/ Ordering information		Intertape® 4237
Standard colours		Translucent
Backing		Polyester film glass filament reinforced
Backing thickness	mm	0.114
Adhesive		Acrylate thermosetting
Total thickness	mm	0.180
Elongation at break	%	7
Insulation resistance	MΩ	10^6
Electrolyt. corrosion value		Direct 1.0/A, 1
Thermal class		155 °C (F)
Dielectic strength	kV	5
Tensile strength	N/cm	516
Adhesiveness / Adhesion to steel	N/cm	4.9

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